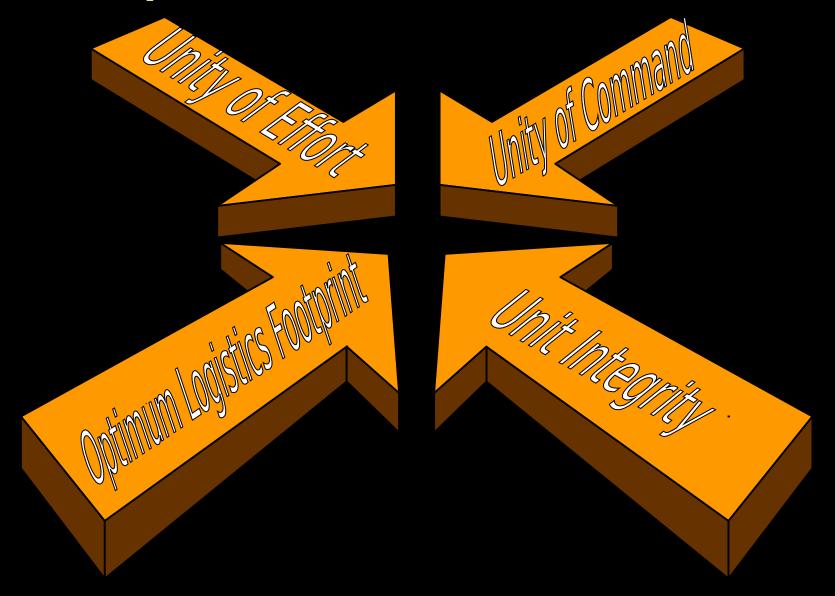


Principles of RSO&I



Elements of



OBJECTIVE AREA

Airport

STAGING AREA

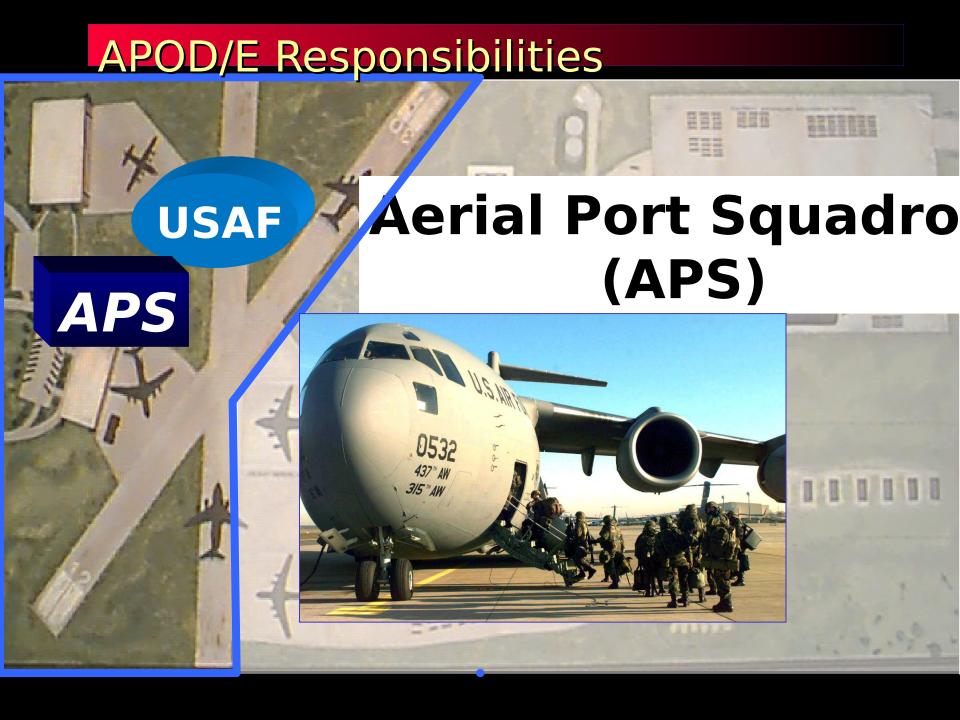


Seaport



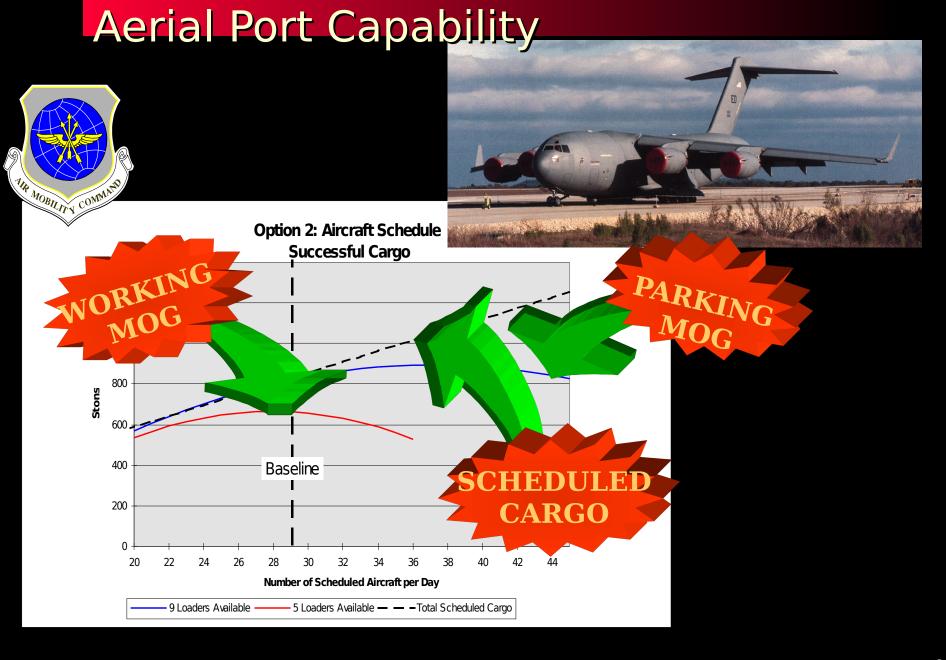
JOINT / COMBINED **AERIAL PORT** OF **DEBARKATION /** EMBARKATION (APOD/E) COMPLEX











APOD/E Enablers



Airfield (Arrival/Departu



Rou<mark>gh Terrain Cargo Han</mark>dler (RTCH)

CTC



Seaport (Ship Ro-Ro



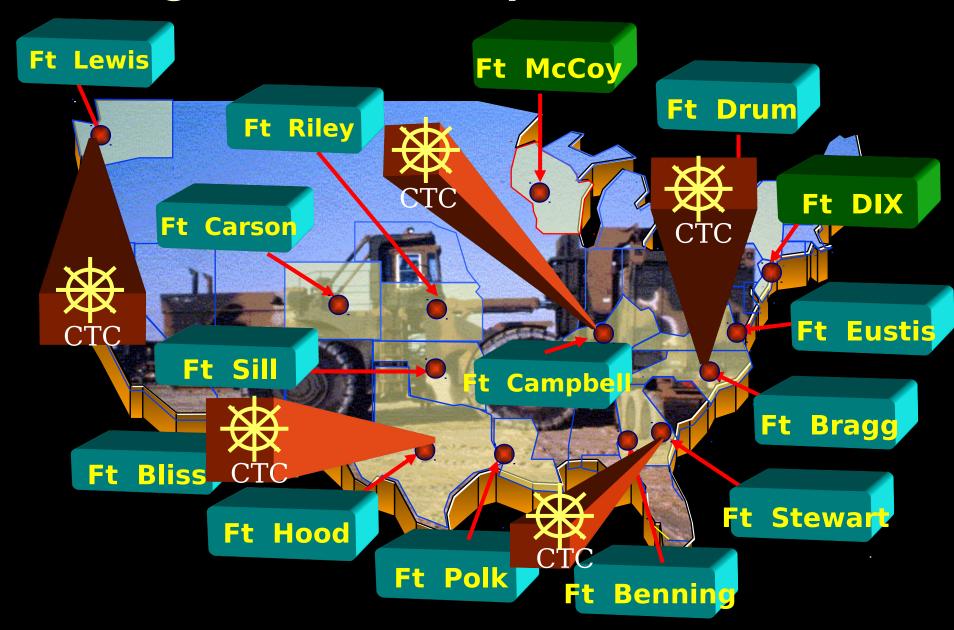
Seaport (Ship Lo-Lo)

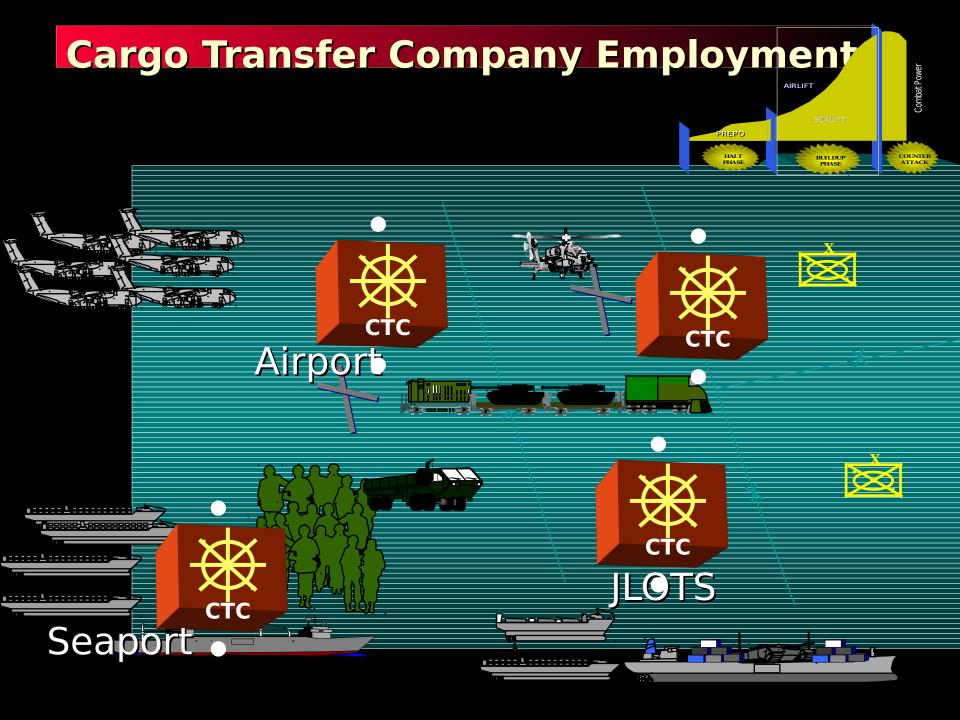




Logistics-Over-the-Sh

Cargo Transfer Companies (CTC)





Three Types of Ports



Mobility Requirements St

Improved Port (World-Class Port)



Unimproved Port

(Denied or Degraded Port)

Bare Beach (No Port)

Improved Port

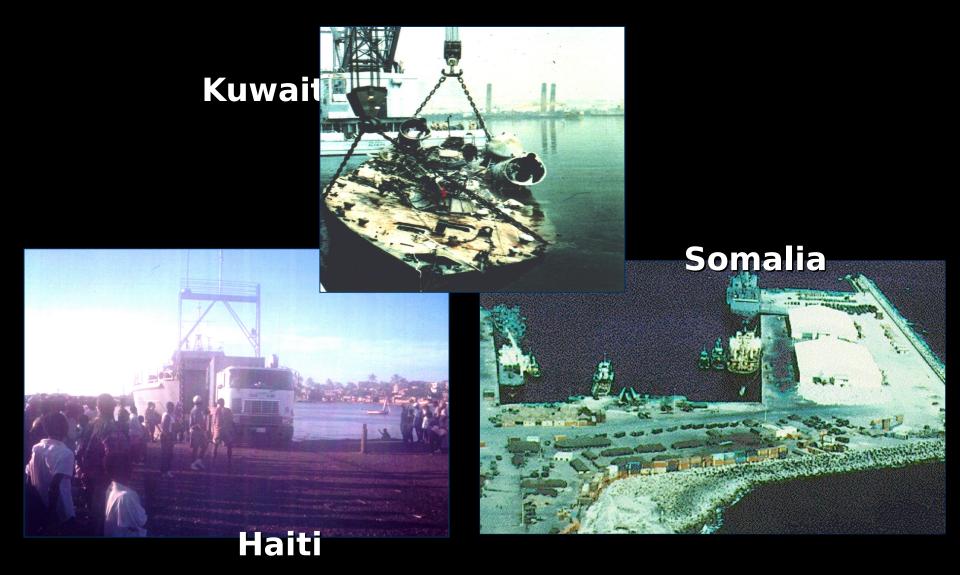


Dammam, Saudi Arabia

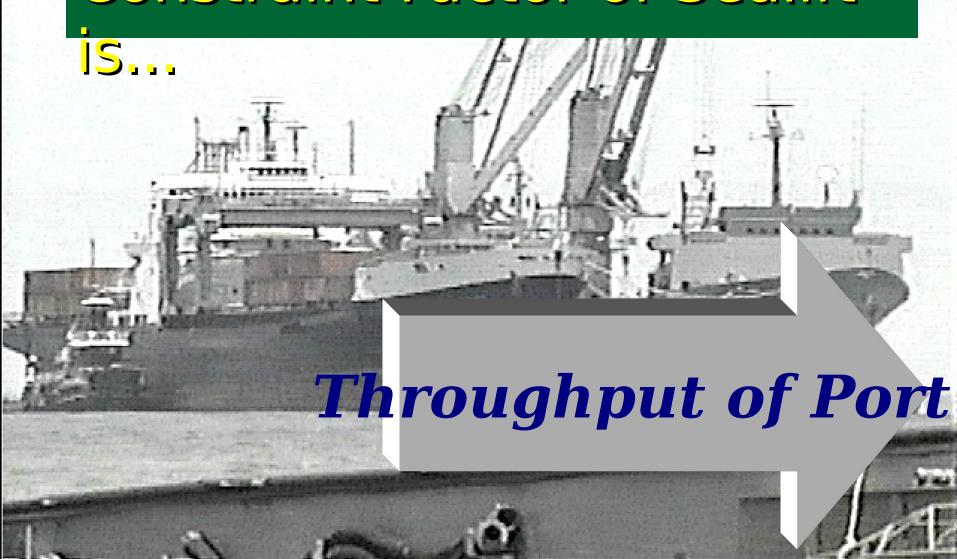
Pusan, Korea



Degraded Port







SPOD Responsibilities **USA** Military Traffic Composite Management Transportation Command Group (MTMC) (CTG) **SINGLE PORT MANAGE USA** USN **USCG**

SPOD Functions

- Water Terminal Operations
- Driver Holding Area
- Container Holding Area
- Frustrated Cargo Holding Area
- Vehicle Marshaling Area
- Helicopter Marshaling/Fly-Away
- Convoy Assembly Area
- Rail Head

Surge Sealift

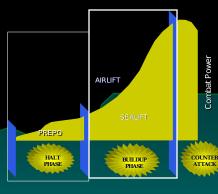


2 Hours Each Aircraft

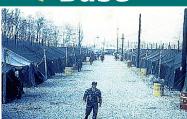


Port Support Activity

Advance Party



Theater
Staging
Base

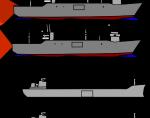


2 Days



2-3

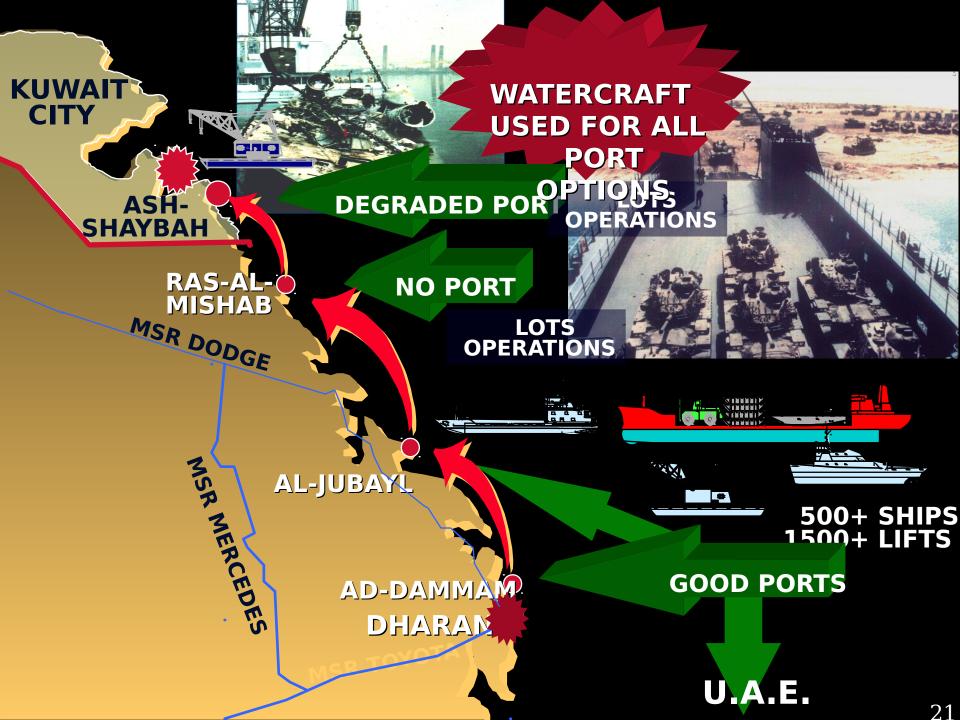
Days



Port Openers







Roll-on Roll-off Discharge



Sea State Wave Height Sea **Description State** Calm none Smo < 1 foot 1-3 feet derate 3-5 feet Rough 5-8 feet

JLOTS Enablers

- Army Watercraft
- Roll-On/ Roll-Off Discharge Facility (RRDF)
- Rapidly Installable Breakwater (RIB)

Rapidly Installable Breakwater (RIB)

PREPO Off-load



Elements of

STAGIN





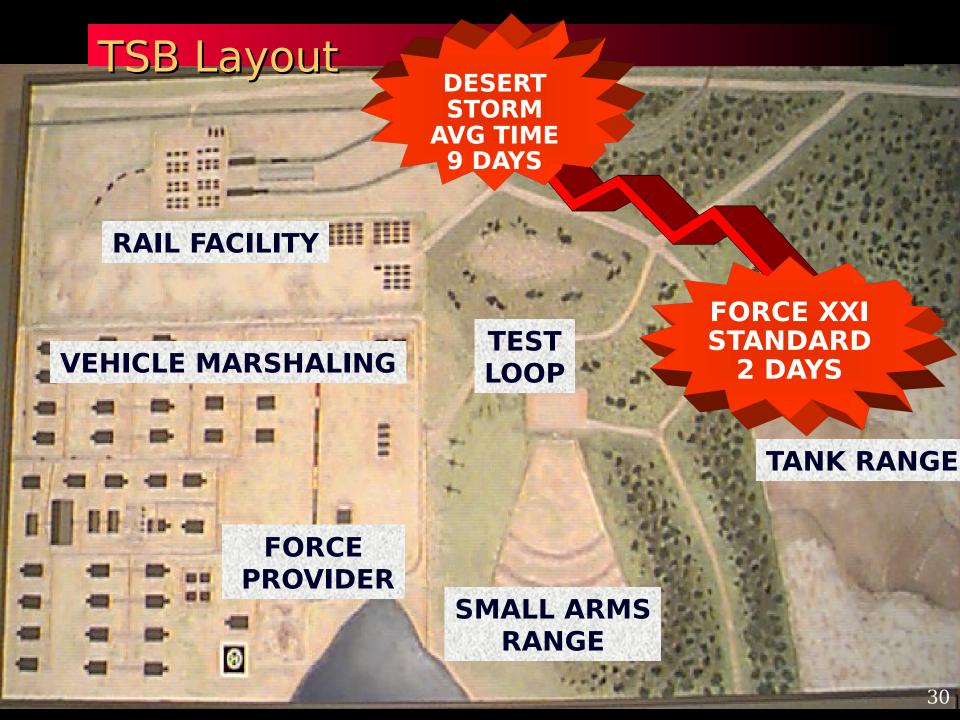
Staging Challenges

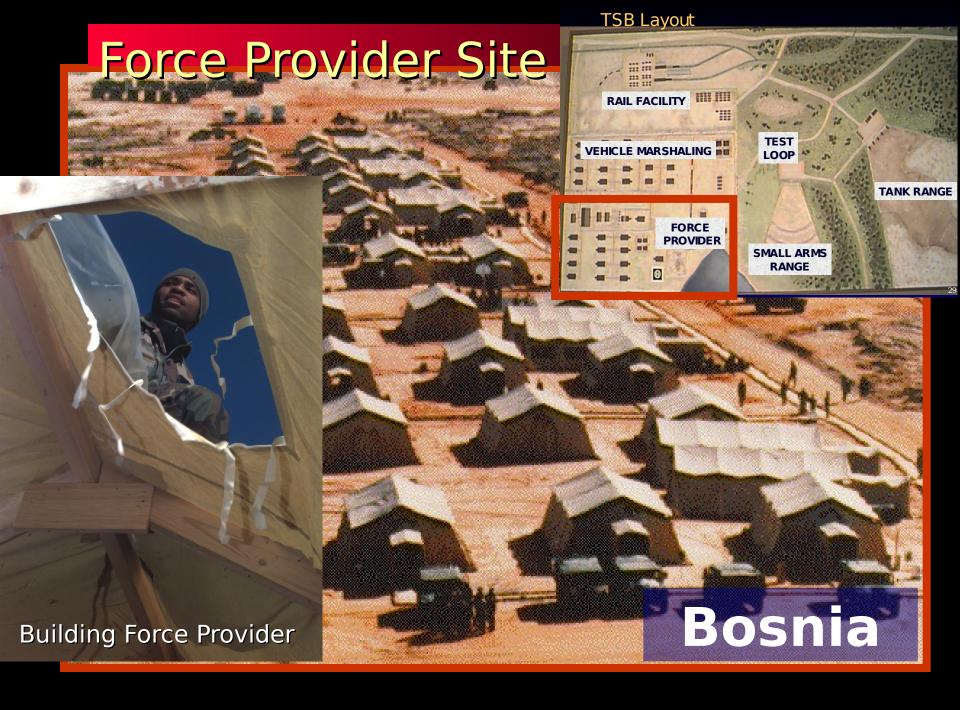
- Security
- NEO Effects
- Real Estate Management
- Host Nation Support
- Logistics Footprint
- TPFDD Flow
- Communications
- Force Management



Types of Staging Bases

- Theater Staging Base (TSB)
- Convoy Support Center (CSC)
- Rest-Over-Night Site (RON)
- Aircraft Enroute Support Site (AESS)
- In-Theater Railheads / Airfields
- Prepositioned Equipment Site (PES)
- Others









Railway Facility



TSB Layout





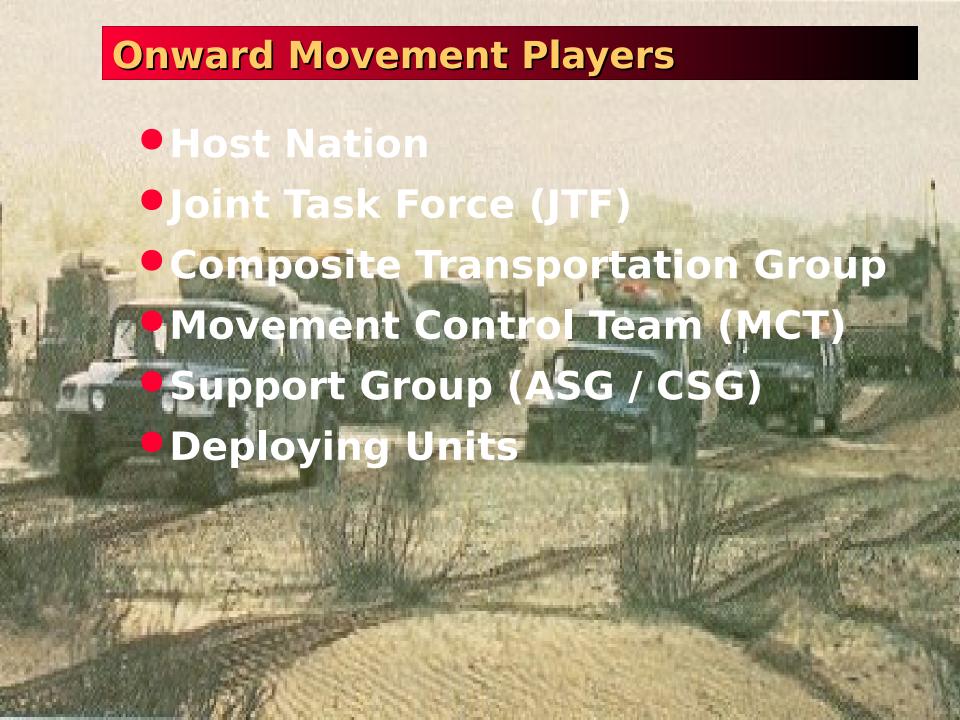


Ranges

Elements of

Onward



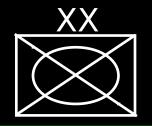


Onward Movement Functions

- Synchronizing
- Resourcing
- Communicating
- Moving
- Force Tracking
- Reporting
- Preparing for Integration

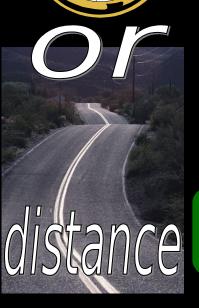


Onward Movement Workload





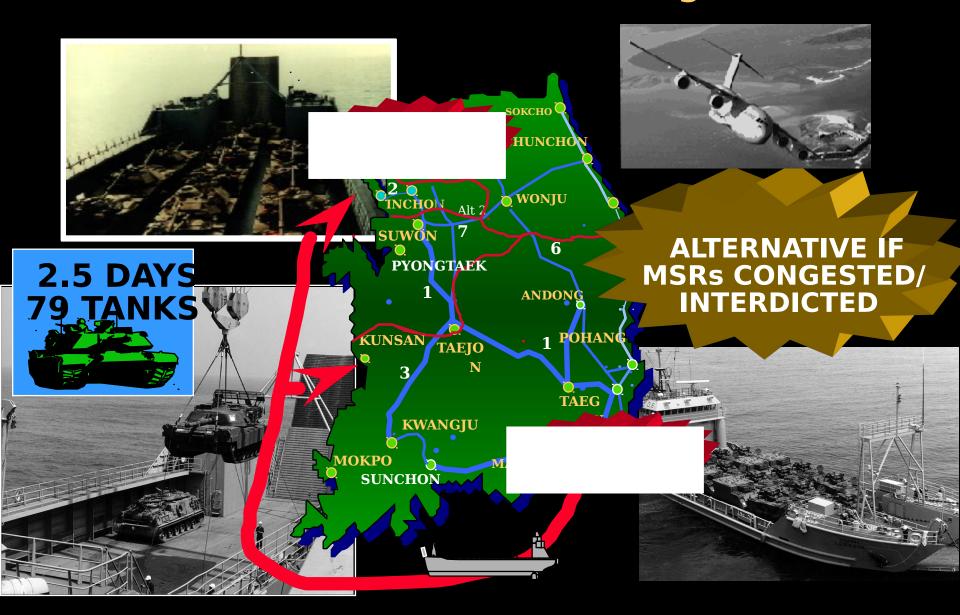






1 Vehicle every 50 meters = 600 kilometers

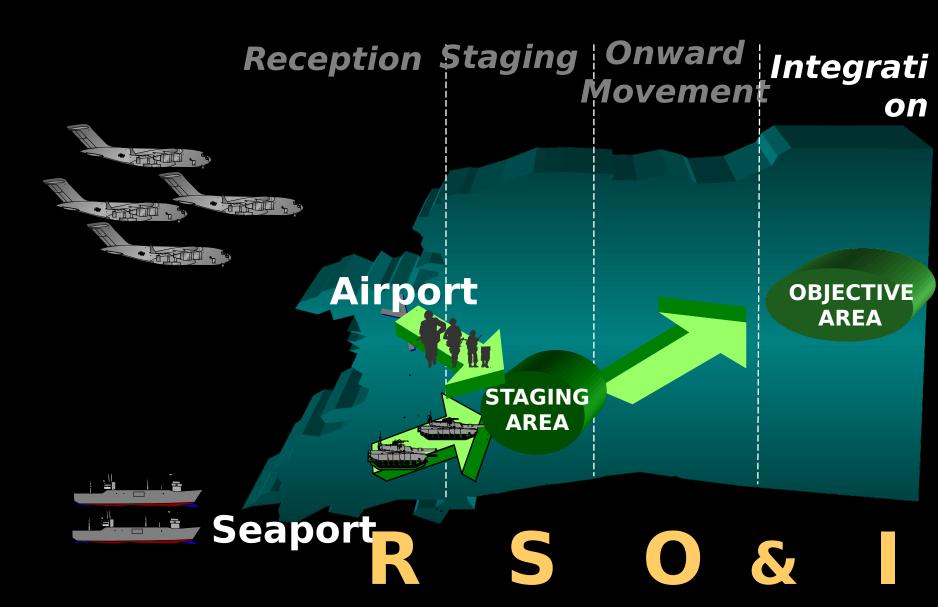
Onward Movement Challenges



Onward Movement Information **Systems** GCCS **GTN MCC USTRANSCOM SPOD TSB APOD**

Elements of

tegration





Integration Functions

Force Tracking

SITUATIONAL AWARENESS

Force Closure

COMBAT POWER

Command & Control

BATTLE COMMAND

Integration Challenges

Force Tracking

ELEMENTS & UNITS

Force Closure

COMMON DEFINITION

PLAN VS RFALITY

Command & Control

NON LINEAR ENVIRONMENT

Integration Information Systems

